

## **Internal Medicine Residency Training Program**

Department of Internal Medicine

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### **Internal Medicine Residency Program Overview**

The residency program in categorical Internal Medicine at Maricopa Medical Center is structured to train 14 clinically competent physicians who can function and excel in any internal medicine setting. Maricopa Medical Center serves as an emergency tertiary referral hospital for Maricopa Integrated Health System (MIHS) for the metropolitan Phoenix area and the state of Arizona.

Clinical competence and academic excellence is attained in the Department of Medicine by giving greater responsibility to the resident through exposure to the wealth of clinical pathology seen at Maricopa Medical Center and Mayo Clinic Scottsdale. Residents are supervised by more than 40 full-time board certified internists and specialists at MMC and 30 full-time board certified internists and specialists at Mayo Clinic Scottsdale and Mayo Clinic Hospital.

Residents write all orders and are fully responsible for patient management. Most hospitalized internal medicine patients are assigned to a general medicine, cardiology, HIV, or critical care teams consisting of one attending physician, residents and medical students.

During the 36-month training period, residents will rotate through every specialty of internal medicine, including neurology and dermatology. Residents are part of an ambulatory practice team and see their own patients at a Maricopa Integrated Health System Family Health Center located throughout Phoenix. Residents follow patients in and out of the hospital allowing for continuity of learning and patient care.

Approximately 45% of the training time in the Internal Medicine Residency Program is spent in the ambulatory setting getting direct teaching and supervision from generalists and specialists from Maricopa Medical Center (MMC) and the Mayo Clinic Scottsdale.

Residents are given a great deal of autonomy and opportunity for hands-on procedural experience commensurate with skills and training. Residents will become proficient in procedures common to Internal Medicine such as central venous line placement including Swan-Ganz catheterization, lumbar puncture, thoracentesis, paracentesis, large joint aspiration, flexible sigmoidoscopy, exercise treadmill interpretation, etc. Paramedical personnel perform most ancillary procedures such as venopunctures, electrocardiograms, x-rays, venopuncture for peripheral IV access, arterial puncture for blood gas and scheduling tests. This allows time to be spent evaluating patients, studying in the library or resting on call.



#### **Program Director**

Dr. Wisinger is a graduate of the University of South Florida and completed his residency in Internal Medicine at Maricopa Medical Center. Dr. Wisinger is Board Certified in Internal Medicine and is the Internal Medicine Residency Program Director at Maricopa Medical Center. Dr. Wisinger is also the chief of General Internal Medicine and is Assistant Professor of Medicine of Mayo Medical School.

## Affiliations

The residency program in Internal Medicine at Maricopa Medical Center is a major affiliate of the University of Arizona and the Mayo Clinic Scottsdale. Medical residents currently rotate at Maricopa Medical Center as well as Mayo Clinic Scottsdale. In addition, Internal Medicine residents from Good Samaritan Regional Medical Center, St. Joseph's Hospital and Medical Center, and Mayo Clinic Rochester and Scottsdale periodically rotate through the Department of Medicine at Maricopa Medical Center.

## Highlights of the Program

- **We have one of the highest 3-year ABIM Board pass rates in AZ at more than 90%.**
- **Our Internal Medicine residency program has been given 5-year full accreditation by the ACGME, the longest in the state of Arizona.**
- **MIHS has been given an institutional 5-year full accreditation by the ACGME.**
- **Dr. Wisinger, Program Director, was nominated by the residents for the ACGME's Parker J. Palmer "Courage to Teach" Award. He was a finalist for this award out of 7,800 Program Directors across the country.**

## PGY-I YEAR

The categorical PGY-I year offers a set of basic primary care rotations which will enable the internal medicine resident to acquire superior patient management skills as well as build a solid general medicine base upon which to develop specialty knowledge. Residents will maintain a half day continuity clinic at a Maricopa Integrated Health System Family Health Center. Practical "hands-on" exposure mixed with regular didactic sessions are the norm. Residents may rotate to Mayo Clinic Hospital during the PGY-I year.

### PGY-I Categorical Rotations

\*Fifteen working days (3 weeks) of vacation may be taken during the PGY-1 year. These are assigned based primarily on written requests.

- Internal Medicine Wards - 6 months
- Medical ICU - 1 month
- Cardiac ICU - 1 month
- Emergency Room - 1 month
- Ambulatory Care - 1 month
- Night Float - 1 month
- Electives - 1 month

### Other Benefits:

- \$1,000 educational allowance
- Time off for approved CME
- Free meals
- Free parking
- Vacation\* - 3 weeks

## PGY-II YEAR

During the PGY-II year, residents begin spending more time on subspecialty electives and focus on refining general medical skills. Residents are required to give a medical noon conference in a case report and literature review format which is printed and may be submitted for publication. Assistance is given by faculty advisors which are assigned at the beginning of residency.

Residents will rotate at Mayo Clinic Scottsdale during the PGY-II year. Residents will also maintain a half day continuity clinic at their Maricopa Integrated Health System Family Health Center. Graduates of U.S. medical schools can obtain a state of Arizona medical license after one year of training.

## **PGY-II Rotations**

- Internal Medicine Wards - 4 months
- Medical ICU - 1 month
- Medical consults to Emergency Medicine - 1 month
- Dermatology - 1 month
- Ambulatory Care - 1 month
- Electives - 4 months

## **Other Benefits:**

- \$1,250 educational allowance
- Time off for approved CME
- Free meals
- Free Parking
- Vacation - 3 weeks

Electives include Ambulatory Care, Endocrinology, Dermatology, Gastroenterology, Geriatrics, Hematology/Oncology, Infectious Diseases, HIV, Medical Consultation, Neurology, Diagnostic Cardiology, Pulmonary, Nephrology, Rheumatology and Research.

## **PGY-III YEAR**

During this year, clinical, academic and technical skills will be further developed. More time is available for elective rotations which may be done at outside institutions with approval from the program director and the Graduate Medical Education Committee. Further preparation for successful completion of the Certifying Examination of the American Board of Internal Medicine (ABIM) is done with monthly board reviews. Rotations involving experiences in gynecology, ophthalmology and orthopedics sports medicine are available. Residents will maintain two half day continuity clinics at their assigned Maricopa Integrated Health System Family Health Center.

## **PGY-III Rotations**

- Internal Medicine Wards - 1 month
- Medical ICU 1 month
- Cardiac ICU - 1 month
- Geriatrics - 1 month
- Neurology - 1 month
- Medical Consultations to Emergency Medicine - 1 month
- Electives - 6 months

## **Other Benefits:**

- \$1,500 educational allowance
- Time off for approved CME
- Free meals
- Free Parking
- Vacation - 4 weeks

## **PGY-IV (CHIEF RESIDENT) YEAR**

The Department of Medicine utilizes two PGY-IV residents to function as Chief Residents. They function as junior attendings and medical consultants. They also are responsible for coordinating morning report, residents' conferences and scheduling.

### **Other benefits given to Chief Residents include:**

- \$50,000 annual salary
- \$2,000 allowance for travel and education materials
- Four weeks paid vacation
- All meals are free

Chief Residents are usually selected from graduating third-year residents at Maricopa Medical Center based on their educational and research interests, as well as superior clinical abilities as judged by clinical faculty in the Department of Medicine.

### **Preliminary Medicine Description:**

We have available four preliminary year positions.

The schedule is approximately as follows:

- 5 months - Wards
- 1 month - MICU
- 1 month - CCU
- 1 month - Emergency Medicine
- 1 month - Ambulatory Care
- 2 months - Electives
- 1 Night Float

### **Other Benefits:**

- \$1,000 educational allowance
- Time off for approved CME
- Free meals
- Vacation - 3 weeks

## **Combined Medicine/Pediatrics Residency Program Overview**

The goal of this combined residency is to train physicians who are competent to care for the spectrum of illnesses that effect newborns, children, adolescents and adults. The program is organized to provide an intellectual environment, formal instruction, peer interaction and broad clinical experiences.

The Departments of Internal Medicine and Pediatrics at Maricopa Medical Center are committed to provide a coherent, integrated educational experience over a 48-month period (24 months devoted to each specialty). Residents will be assigned either medicine or pediatrics for four-month blocks with each rotation lasting at least four weeks. Residents are promoted to supervisory positions after 16 months at intern level.

All applications for our combined Internal Medicine/ Pediatrics Program must be sent through the Electronic Residency Application Service (ERAS). **We will not be accepting any paper applications.**

Requests for information should be submitted to:

**Steve Simerville, M.D.**

Medicine/Pediatrics Program Director

or

**Karen Boettcher**

Medicine/Pediatrics Residency Coordinator

Maricopa Medical Center

2601 East Roosevelt, Room O-D-10

Phoenix, AZ 85008

or phone (602) 344-1218

Fax (602) 344-1488

e-mail: karen\_boettcher@medprodoctors.com

### **What Happens to Maricopa Residents?**

Approximately two-thirds of our graduates from the Internal Medicine Training Program pursue careers in general medicine either in private practice, multi-specialty group practice, hospitalism or academic medicine. Many of the graduates practice in the Southwest in Arizona, California, Nevada and New Mexico. The remaining one-third pursues fellowship training at programs across the United States.

### **Fellowships**

#### **Graduating Class of 2005**

- Nephrology - University of South Florida, Tampa, FL

#### **Graduating Class of 2004**

- Hematology/Oncology - UT Memphis, TN
- Critical Care - Rush Presbyterian, Chicago, IL
- Critical Care - St. Vincent, NY
- Geriatrics - University of California, Irvine, CA
- Infectious Diseases - VA Greater Los Angeles Healthcare System, CA

#### **Graduating Class of 2003**

- Hepatology - Mayo Clinic, Scottsdale, AZ (2)
- Critical Care - University of Massachusetts
- Pulmonary/Critical Care - Good Samaritan Hospital/VA Medical Center, Phoenix, AZ

#### **Graduating Class of 2002**

- Infectious Diseases - Med/Peds - Brown University
- Nephrology - Kaiser Permanente, Los Angeles, CA
- Cardiology - VA Medical Center/Good Samaritan Hospital, Phoenix, AZ
- Cardiology - Mayo Clinic, Scottsdale, AZ
- Geriatrics - Sun Health, Sun City, AZ

### **Graduating Class of 2001**

- Nephrology – Medical College of Georgia
- Gastroenterology - University of Arkansas
- Pulmonary/Critical Care - University of Southern California
- Endocrinology - University of California, San Diego
- Geriatrics - Sun Health, Sun City, AZ (2)

### **Graduating Class of 2000**

- Cardiology - Mayo Clinic, Scottsdale, AZ
- Cardiology - University of Arizona
- Endocrinology - VA Medical Center/Good Samaritan Hospital, Phoenix, AZ

### **Graduating Class of 1999**

- Geriatrics - Sun Health, Sun City, AZ
- Endocrinology - VA Medical Center/Good Samaritan Hospital, Phoenix, AZ (2)
- Nephrology - University of Louisville
- Hepatology - Mayo Clinic, Scottsdale, AZ
- Nephrology - Medical College of Georgia

### **Graduating Class of 1998**

- Dermatology - Wayne State University
- Geriatrics - Sun Health, Sun City, AZ
- Critical Care - St. Vincent's Hospital, New York Medical College
- Nephrology - George Washington University
- Gastroenterology - VA Medical Center/Good Samaritan Hospital, Phoenix, AZ

### **Graduating Class of 1997**

- Pulmonary - VA Medical Center/Good Samaritan Hospital, Phoenix, AZ
- Critical Care - University of South Carolina
- Hematology/Oncology - University of South Carolina
- Endocrinology - University of Minnesota
- Rheumatology - New England Medical Center
- Hematology/Oncology - Harbor/UCLA
- Cardiology - Louisiana State University

### **Graduating Class of 1996**

- Endocrinology - University of California-Davis
- Rheumatology - University of Colorado
- Nephrology - University of California, Los Angeles
- Endocrinology - VA Medical Center/Good Samaritan Hospital, Phoenix, AZ
- Genetics - National Institute of Health, Bethesda, MD

### **Graduating Class of 1995**

- Infectious Diseases - University of Iowa
- Hematology/Oncology - University of Arizona
- Pulmonary/Critical Care - Creighton University
- Pulmonary/Critical Care - University of New Mexico

### **Scholarly Activities**

During the three-year training program, most residents participate in clinical research projects resulting in abstract presentations and journal publications. From 1992-2003, residents presented more than 100 abstracts at scientific meetings. In addition, MMC has had eight national finalists for the American College of Physicians (ACP) resident competition in the last five years. Also, residents have written more than 30 peer review articles and/or book chapters. Finally, the Department of Medicine participates in over 25 IRB research protocols at MMC.

## **Conferences**

Conferences are an integral part of the training program and are given by both department faculty, residents, and nationally renowned speakers. Topics that review information essential for clinical competence in internal medicine are covered over a three-year period. A list of conferences and their scheduled frequency is listed below:

- Medical Morning Report - Daily
- Chief Residents Conference - Daily
- Medical Noon Conference - Daily
- Ambulatory Clinic Lecture Series - Weekly
- Medical Grand Rounds - Weekly
- Tumor Board - Monthly
- Morbidity and Mortality Conference - Monthly
- Medical Journal Club - Monthly
- Ambulatory Care Journal Club - Monthly
- Radiology Conference - Monthly
- Medical Attending/House Staff Conference - Monthly

## **Call Schedule**

Inpatient Medical Wards - Every 5th night call/One day off in 7

Medical ICU - Every 3rd night call/One day off in 6

Cardiac ICU - Every 3rd night call/One day off in 6

Benefits Specific To Internal Medicine & Med-Peds Residency

PGY-I and PGY-II residents receive three weeks of paid vacation annually. PGY-III residents are given four weeks of paid vacation annually.

**All Medicine residents may utilize the house staff travel and education fund provided by the Department of Medicine which is as follows:**

- **PGY-I**        **\$1,000 and one educational day\***
  - **PGY-II**        **\$1,250 and two educational days\***
  - **PGY-III**       **\$1,500 and three educational days\***
  - **PGY-IV**       **\$2,000 and three educational days\***
- \*In addition to vacation

**The Department of Medicine will pay for dues for all Internal Medicine categorical residents to become Associate members of the American College of Physicians (ACP). The Department will also purchase one Medical Knowledge Self-Assessment Program (MKSAP) per residency. This is in addition to your educational allowance.**

Moonlighting opportunities may be available within the Department of Medicine at the discretion of the Program Director.

## **Application Process**

National Resident Matching Program (NRMP)

The Internal Medicine training program participates in the National Resident Matching Program (NRMP). However, positions may be filled outside of the Match.

Medical students should apply through the NRMP for the categorical and preliminary Internal Medicine Residency positions at Maricopa Medical Center.

### Checklist of Important Dates:

- Submit applications through ERAS from September 8, 2003 through January 1, 2004.
- All application materials **MUST BE** submitted through ERAS, which is available through Medical School Dean's Offices or the Educational Commission for Foreign Medical Graduates (ECFMG) and must include USMLE scores from the National Board of Medical Examiners (NBME) and National Board of Osteopathic Medical Examiners (NBOME).
- Selected applicants will be offered interviews from November 1, 2003 through January 31, 2004.

### ERAS

All applications for our residency programs must be sent through the Electronic Residency Application Service (ERAS). **We will not be accepting any paper applications. Applications will not be reviewed until we receive USMLE transcripts through ERAS. We require a first attempt pass on all steps of the USMLE. Our institution does not sponsor visas.**

If you have any further questions, please contact our Residency Coordinator, Joan Sy, at (602) 344-5768 or via e-mail at joan\_sy@medprodoctors.com

### General Information

Candidates for the Internal Medicine Residency are judged on the basis of their academic background, three letters of recommendation and personal interviews.

Questions regarding our Internal Medicine Residency Program may be directed to:

David Wisinger, M.D., Program Director  
or Joan Sy, Residency Coordinator

Department of Internal Medicine  
Maricopa Medical Center  
2601 East Roosevelt Street, #OD10  
Phoenix, AZ 85008

Phone (602) 344-5768  
Fax (602) 344-1488

A number of positions are available to third year medical students for general medicine wards and fourth year medical students for electives in Internal Medicine including general medicine wards, CCU, medical ICU and all medical subspecialties and ambulatory rotations. Due to a large competitive demand, medical students are only permitted to do two four-week rotations during an academic year at Maricopa Medical Center.

Clerkship information may be obtained by contacting:

**Karen Boettcher, Clerkship Coordinator**  
karen\_boettcher@medprodoctors.com  
Maricopa Medical Center  
Department of Internal Medicine  
2601 East Roosevelt Street, #OD10  
Phoenix, AZ 85008  
Phone (602) 344-1218  
Fax (602) 344-1488



**Faculty**

Richard Carlson, M.D., Ph.D., FACP  
Chairman, Department of Internal Medicine  
David B. Wisinger, M.D., FACP  
Chief, General Internal Medicine  
Director, Residency Program  
Director, Long Term Care and Geriatrics

**Cardiology**

Edgardo Zavala-Alarcon, M.D., Chief of Cardiology and Director of Cath Lab  
Rajiv Ashar, M.D.  
Felipe Cecena, M.D., Director of Interventional Research  
Jesus Hernandez, M.D.

**Critical Care**

C.J. McDermott, D.O., Director of MICU  
Richard Carlson, M.D., Ph.D.  
Ritu Khanna, M.D.

**Dermatology**

Peter Casper, M.D.  
Melvin Chase, M.D.

**Endocrinology**

Sydney Westphal, M.D., Chief

**Gastroenterology**

Ahmed Mirza, M.D., Chief  
Nadeem Hassan, M.D.  
Amy Hillier, PA-C  
Abdul Nadir, M.D.  
Rushda Mumtaz, M.D.  
Rekha Shah, M.D.

**Geriatrics**

Juanita Sapp, M.D., Director of MedPro Geriatrics Teaching Rotation  
Anil Nanda, M.D.  
Allison Stewart, M.D.

**Hematology/Oncology**

Morris Fine, M.D., Acting Chief  
Chandra Jha, M.D.  
Henry Tyler, M.D.

**HIV Related Services**

John Post, M.D., Director  
Andrew Myers, M.D.  
Anita Culp, M.D.

**Infectious Diseases**

M. Yousuf Khan, M.D., Chief

**Internal Medicine**

David Wisinger, M.D., Chief of General Internal Medicine, Residency Program Director  
Maricela Moffitt, M.D., MPH, Director of Medical Education  
William Dachman, M.D., Director, Hypertension Services; Associate Program Director;  
President, Medical Staff, MIHS  
Anupa Ashar, M.D.  
Sunitha Bandlamuri, M.D.

**Internal Medicine (continued)**

Saeed Behbahani, M.D.  
John Carroll, M.D.  
Mike Corcoran, PA-C  
Ameen Elgash, M.D.  
Steve Kaplan, M.D.  
Lakshmi Murthy, M.D.  
Nancy McNeill, F.N.P., Same Day Clinic, MIHS  
Stephen Meenahan, D.O.  
Seema Mohan, M.D.  
Doug Nelson, M.D.  
Jeffrey Parker, M.D.  
Jaya Raj, M.D., Associate Program Director  
Bindu Rajan, M.D.  
Gary Russell, PA-C, Same Day Clinic, MIHS  
Farzad Sakha, M.D.  
Bruce Takahashi, D.O.

**Internal Medicine / Pediatrics**

Steve Simerville, M.D., Program Director - Internal Medicine/Pediatrics  
Phuc Pham, M.D.  
Suzanne Ferguson, M.D.  
Shannon Skinner, M.D.

**Nephrology**

Jan Mangalat, M.D., Chief  
Fayyaz Sagarwala, M.D.

**Neurology**

Marc Merroto, M.D., Chief  
Alireza Ahmadieh, M.D.

**Pulmonary**

Jasminder Mand, M.D., Chief  
Ahmed Raza, M.D.

**Rheumatology**

Bert Hurowitz, M.D., Chief